











# **Appendix: A**

## **Program Activity Measures Supporting the National Water Program Guidance for FY 2006**



**Office of Water**  
**U.S. Environmental Protection Agency**  
**April 2005**

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# Safe Drinking Water



## Program Activity Measures:

- Develop Standards (SDW: 1-2)
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- Water System Financing (SDW: 5-6)
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# Water Safe to Drink



## Measure #: SDW-1

**National Office Lead:** OGWDW

**Measure Description:** EPA to develop new or revised National Primary Drinking Water Standards to address greatest risk (see page # 9 of FY 06 *National Water Program Guidance*).

## Measure #: SDW-2

**National Office Lead:** OST

**Measure Description:** EPA will identify critical drinking water contaminants of concern in surface waters and issue new or revised human health criteria under section 304(a) of the Clean Water Act. (HQ reported measure)

### # SDW-1

	National Indicator
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
2006 Target	n/a
Universe	

**2008 Target:** n/a

### #SDW-2

	National Commitment
2002 Baseline	n/a
2005 Commitment	3
2005 Midyear	
2005 End-of-Year	
2006 Target	3
Universe	

**2008 Target:** 12

# Water Safe to Drink



## Measure #: SDW-3

**National Office Lead:** OGWDW

**Measure Description:** Number of States that will be in compliance with requirement to conduct sanitary surveys at community water systems once every three years, as documented by file audits of a random selection of water systems.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	5	3	4	7	5	5	4	6	4	4	47
2005 Midyear											
2005 End-of-Year											
2006 Target	5	3	4	7	5	5	4	6	4	4	47
Universe	6	3	5	8	6	5	4	6	4	4	51

**2008 Target: 51**

## National Program Manager Comments:

Target measure; fixed annual target 100% of States.

The Interim Enhanced Surface Water Treatment Rule requires states to conduct sanitary surveys once every three Years only for CWSs that are surface water or ground water under direct influence of surface water systems, not for all CWSs. Ground water systems will not be included under the requirement to conduct sanitary surveys until the Ground Water Rule is promulgated. For CWSs determined by the state to have outstanding performance based on prior sanitary surveys, subsequent surveys may be conducted no less than every five years (142.16(b)(3)(ii)).

# Water Safe to Drink



**Measure #: SDW-4**

**National Office Lead: OGWDW**

**Measure Description:** Number of Tribal community water systems that will have undergone a sanitary survey within the past 3 years.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	n/a	100%	n/a	100%	100%	100%	100%	60%	100%	100%	90.0%
2005 Midyear											
2005 End-of-Year											
2006 Target	1	1	n/a	1	2	1	2	10	18	7	43
Universe	1	1	0	1	2	1	2	17	18	7	50

**2008 Target: 48**

## National Program Manager Comments:

Target measure; annual target is 100% of Tribes with surface water systems.  
Headquarters is working with Region 8 to increase the number of tribal sanitary surveys within the region to 100%.  
The universe for tribal community water systems includes the Navajo Nation.

# Water Safe to Drink



**Measure #: SDW-5**

**National Office Lead: OGWDW**

**Measure Description:** Fund utilization rate [cumulative dollar amount of loan agreements divided by cumulative funds available for projects] for the Drinking Water State Revolving Fund.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	72%	90%	91%	78%	72%	61%	76%	80%	53%	79%	75%
2005 Commitment	78%	88%	79%	80%	82%	74.5%	86%	83%	70%	86%	81.0%
2005 Midyear											
2005 End-of-Year											
2006 Target	78%	88%	83%	80%	78%	79%	90%	83%	74%	91%	82.4%
Universe											

**2008 Target: 86%**

**National Program Manager Comments:**

Target measure



**Measure #: SDW-6**

**National Office Lead: OGWDW**

**Measure Description:** Number of Drinking Water State Revolving Fund projects that have initiated operations. (cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2003 Baseline	204	245	56	242	350	25	131	128	75	82	1,538
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe											

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

In FY 2007, EPA will begin tracking the number of drinking water SRF projects that return a system to compliance.





## Measure #: SDW-7

**National Office Lead: OGWDW**

**Measure Description:** EPA HQ will develop metrics (based on NDWAC's recommendations) to measure Community Water System and POTW adoption of active and effective security programs. (New measure for FY 06.)

## Measure #: SDW-8

**National Office Lead: OGWDW**

**Measure Description:** EPA will install and begin initial operations of monitoring and surveillance pilots to provide early warning of contamination in select drinking water systems. (New measure for FY 06.)

**SDW-7**

	National Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
2006 Target	measure developed
Universe	n/a

**2008 Target:** measure operational in FY 07

**SDW-8**

	National Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
2006 Target	TBD
Universe	

**2008 Target:** TBD

# Water Safe to Drink



**Measure #: SDW-9**

**National Office Lead: OGWDW**

**Measure Description:** Percent of community water systems for which source water protection strategies are in place and are being implemented. (cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	18%	4%	6%	2%	12%	2%	3%	15%	2%	12%	8%
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target	45%	20%	20%	15%	30%	16%	15%	20%	8%	23%	20%
Universe (CWS)	2,695	4,015	4,747	9,576	7,570	8,230	4,127	3,132	4,847	4,424	53,363

**2008 Target: TBD**

**National Program Manager Comments:**

Target measure

Note: This measure supports Strategic Target F addressing community water systems where source water strategies are “substantially implemented.”

The universe is community water systems (taken from SDWIS 2003 Inventory data).

# Water Safe to Drink



**Measure #: SDW-10**

**National Office Lead: OGWDW**

**Measure Description:** Number of Tribal community water systems that have completed a source water assessment consistent with national guidelines.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline	2	2	n/a	14	30	48	2	25	221	19	363
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	3	8	0	14	80	48	9	107	255	77	601
Navajo Nation											154
Total Universe											750

**2008 Target:** n/a

## National Program Manager Comments:

Indicator measure

The universe of tribal community water systems for this measure is taken from FY2003 SDWIS Inventory data.



**Measure #: SDW-11**

**National Office Lead: OGWDW**

**Measure Description:** Identify at the State level the most prevalent and/or threatening categories of existing/potential sources of contamination for surface and ground water for community water systems.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											n/a
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	6	3	5	8	6	5	4	6	4	4	51

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

# Water Safe to Drink



**Measure #: SDW-12**

**National Office Lead: OGWDW**

**Measure Description:** Separately for each class of well, the percent of Classes I, II, III wells identified in significant violation, and Class V wells identified in violation that are addressed by the UIC program.

**Class I:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	n/a	n/a	100%	80%	100%	98%	90%	85%	100%	100%	94%
2005 Midyear											
2005 End-of-Year											
2006 Target	n/a	n/a	100%	80%	83%	50%	90%	83%	100%	100%	73%
Universe	0	0	10	164	54	182	50	58	16	7	541

**Class II:**

**2008 Target: 100%**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	n/a	100%	95%	80%	100%	98%	90%	85%	90%	100%	93%
2005 Midyear											
2005 End-of-Year											
2006 Target	n/a	100%	95%	80%	76%	50%	90%	83%	95%	100%	60%
Universe	0	543	2,588	4,421	13,964	70,733	17,001	7,527	23,264	1,088	141,129

**National Program Manager Comments:**

**2008 Target: 100%**

Target measure

Baseline - Under the FY03 pilot for this measure, too few states provided information to draw a baseline  
Universe is FY03 UIC Inventory Data from Grants Database. R1 and R2 do not have Class I wells.

# Water Safe to Drink



## Measure #: SDW-12, Continued

**National Office Lead:** OGWDW

**Measure Description:** Separately for each class of well, the percent of Classes I, II, III wells identified in significant violation, and Class V wells identified in violation that are addressed by the UIC program.

### Class III:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	n/a	100%	100%	80%	100%	98%	90%	85%	100%	n/a	94%
2005 Midyear											
2005 End-of-Year											
2006 Target	n/a	100%	100%	80%	100%	50%	90%	83%	100%	n/a	76%
Universe	0	125	45	4	106	4,629	2,851	10,332	227	0	18,319

**2008 Target:** 100%

### Class V:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	100%	100%	95%	80%	96%	98%	90%	85%	50%	75%	87%
2005 Midyear											
2005 End-of-Year											
2006 Target	100%	100%	95%	80%	66%	50%	90%	83%	75%	75%	80%
Universe*	10,281	34,192	42,469	89,435	42,755	23,190	14,328	23,101	23,128	83,037	385,916

**2008 Target:** 100%

### National Program Manager Comments:

Target measure

Baseline - Under the FY03 pilot for this measure, too few states provided information to draw a baseline  
Universe is FY03 UIC Inventory Data from Grants Database. Region 1 does not have Class III wells.

# Water Safe to Drink

**Measure #: SDW-13**

**National Office Lead: OGWDW**

**Measure Description:** Number and percent of identified Class V Motor Vehicle Waste Disposal wells that are closed or permitted.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline*											n/a
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target	100%	100%	85%	50%	35%	100%	90%	83%	75%	75%	79%
Universe**					1,037			2,000			TBD

**2008 Target:** n/a

## National Program Manager Comments:

Target measure

\*Baseline - Under the FY03 pilot for this measure, too few states provided information to draw a baseline/universe.

\*\*Complete universe of Class V Wells is unknown. 1999 National Estimate is 500,000 - 650,000. MVWD Wells are a subset of Class V Wells.



**Measure #: SDW-14**

**National Office Lead: OGWDW**

**Measure Description:** Separately, for each class of wells, the percent of Class I, II and III (salt solution mining wells) that maintain mechanical integrity.

**Class I:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											n/a
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	0	0	10	164	54	182	50	58	16	7	541

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure; new measure for FY 06.

PART Measure



# Water Safe to Drink



## Measure #: SDW-14, Continued

**National Office Lead:** OGWDW

**Measure Description:** Separately, for each class of wells, the percent of Class I, II and III (salt solution mining wells) that maintain mechanical integrity.

### Class II:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment											
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	0	543	2,588	4,421	13,964	70,733	17,001	7,527	23,264	1,088	141,129

**2008 Target:** n/a

### Class III:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment											
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	0	125	45	4	106	4,629	2,851	10,332	227	0	18,319

**2008 Target:** n/a

### National Program Manager Comments:

Indicator Measure

# Water Safe to Drink



**Measure #: SDW-15**

**National Office Lead: OGWDW**

**Measure Description:** Number and percent of high priority Class V wells identified in ground water based community water system source water areas that are closed or permitted.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											n/a
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe											TBD

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure; PART measure.

High priority wells include motor vehicle waste disposal wells, large-capacity cesspools, industrial wells, plus any other categories identified by the State.

## Water Safe to Drink



### **Measure #: SDW-16**

**National Office Lead:** OGWDW/OST

**Measure Description:** Identify waters used by community water systems as a source of drinking water for which States/tribes have, wherever attainable, adopted water quality standards with public water supply as a designated use, or for which States/Tribes have adopted water quality standards that provide an equivalent level of human health protection. (Note: “An equivalent level of human health protection” refers to the MCL. or to section 304(a) human health criterion water plus organism value. (HQ reported measure; 12/05 completion.)

**2008 Target:** n/a

### **Measure #: SDW-17**

**National Office Lead:** OGWDW/OST

**Measure Description:** Percent of surface waters that are used as a drinking water source by a community water system that have, wherever attainable, water quality standards with public water supply as a designated use or water quality standards that provide an equal level of public health protection. (Measure to be implemented in FY 2007 based on completion of Measure # 16; no report in FY 06.)

**2008 Target:** TBD



## **Measure #: SDW-18**

**National Office Lead:** OGWDW/OWOW

**Measure Description:** Percent of surface waters that are used as a drinking water source by a community water system and designated for water supply use that are monitored biennially for attainment of that use. (Measure to be implemented in FY 2007 based on completion of Measure # 16; no report in FY 06.)

**2008 Target:** n/a

## **Measure #: SDW-19**

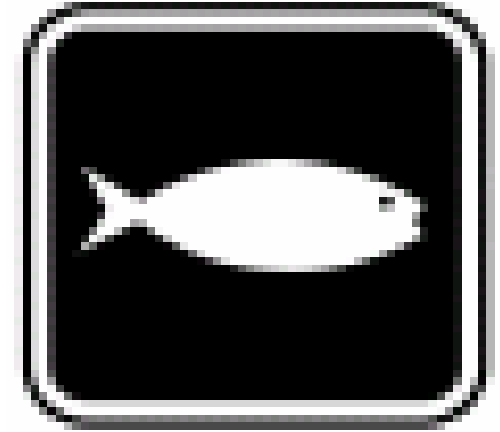
**National Office Lead:** OGWDW/OWOW

**Measure Description:** Percent of surface waters that are used as a drinking water source by a community water system that are listed as impaired for a drinking water use for which there is an EPA approved TMDL to address the impairment and the percent of these impaired waters that have been fully restored. (Measure to be implemented in FY 2007 based on completion of Measure # 16; no report in FY 06.)

**2008 Target:** n/a

# **Fish and Shellfish**

## **Safe to Eat**



### Program Activity Measures:

- States/Tribes Adopting Mercury Criterion (FS: 1)
- Lake Acres/River Miles Where Fish Tissue Assessed (FS: 2)
- States/Tribes Adopting Fish Guidance/Monitoring Waters (FS: 3)

# Fish and Shellfish Safe to Eat



**Measure #: FS-1**

**National Office Lead: OST**

**Measure Description:** Number of States, Territories and authorized Tribes that have adopted the new fish tissue criterion for mercury.

**States/Territories:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	6	4	6	8	6	5	4	6	7	4	56

**2008 Target:** n/a

**Tribes:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	0	0	0	2	2	9	0	2	3	6	24

**2008 Target:** n/a

**National Program Manager Comments:**

HQ reported measure; indicator measure.

\*Note: States = 50; Territories = 6; Authorized Tribes with any approved water quality standards = 24.

# Fish and Shellfish Safe to Eat



**Measure #: FS-2**

**National Office Lead: OST**

**Measure Description:** Percent of lake acres and river miles where fish tissue will be assessed to support waterbody-specific or regional consumption advisories or a determination that no consumption advice is necessary. (Great Lakes measured separately; AK not included.)

## River Miles:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	62,982	58,787	72,645	168,704	110,580	5,136	51,804	11,938	768	692	16%*
2005 Commitment	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	25.0%
2005 Midyear											
2005 End-of-Year											
2006 Target	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	26.0%
Universe											3.5M

## Lake Acres:

**2008 Target: 28%**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	1.6M	.814M	.736M	2.7M	5.7M	.39M	.32M	1.3M	.30M	.04M	33%*
2005 Commitment	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	37.0%
2005 Midyear											
2005 End-of-Year											
2006 Target	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	38.0%
Universe											40M

**2008 Target: 40%**

## National Program Manager Comments:

HQ reported measure; target measure.

\* The 2002 baseline for River Miles is 544,036 and the 2002 baseline for Lake Acres is 13.5 million.

# Fish and Shellfish Safe to Eat



**Measure #: FS-3**

**National Office Lead: OST**

**Measure Description:** Number of States and Tribes that have adopted and applied the EPA national fish advisory guidance and monitor waters based on the guidance.

## States:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	5	2	6	6	4	4	4	6	4	4	45
2005 Commitment	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Midyear											
2005 End-of-Year											
2006 Target	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Universe	6	3	5	8	6	5	4	6	4	4	51

**2008 Target:** n/a

## Tribes:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Midyear											
2005 End-of-Year											
2006 Target	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Universe											TBD

**2008 Target:** n/a

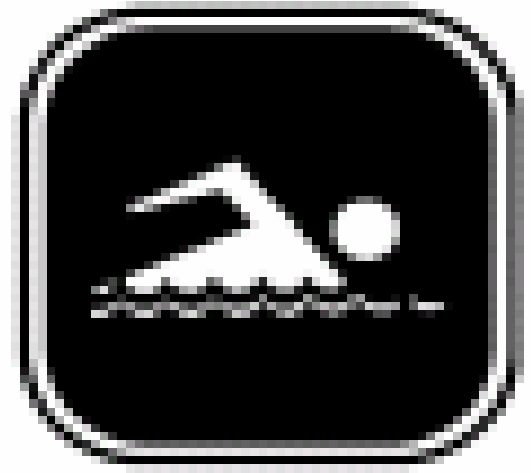
## National Program Manager Comments:

HQ reported measure; indicator measure.

In FY 05, the state portion of this revised measure was an Indicator while the Tribal portion was a Target measure. When the measures were combined for FY 06, they were both made Indicator measures.



# Safe Swimming



## Program Activity Measures:

- New Pathogen Criteria Development/Adoptation (SS: 1-2)
- Pathogen Reduction (i.e., CSOs/septic tanks) (SS: 3-4)
- State BEACH Monitoring (SS: 5)



**Measure #: SS-1**

**National Office Lead: OST**

**Measure Description:** EPA will publish final criteria for pathogens or pathogen indicators for recreational waters.

	National Commitment
2002 Baseline	n/a
2005 Commitment	0
2005 Midyear	
2005 End-of-Year	
2006 Target	TBD
Universe	

**2008 Target:** Publish Criteria

**National Program Manager Comments:**

HQ reported measure; target measure.

# Water Safe for Swimming



**Measure #: SS-2**

**National Office Lead: OST**

**Measure Description:** Number of States, Territories, and Tribes that have adopted current pathogen criteria for non-coastal recreational waters (i.e. waters not covered by the BEACH Act.)

**States/Territories:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline	4	1	2	2	2	0	3	1	4	2	21
2005 Commitment	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Midyear											
2005 End-of-Year											
2006 Target	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Universe	6	4	6	8	6	5	4	6	7	4	56

**2008 Target:** n/a

**Tribes:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline					2	7		1	3	5	18
2005 Commitment	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Midyear											
2005 End-of-Year											
2006 Target	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Universe				2	2	9		2	3	7	25

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure; new measure for FY 06.



**Measure #: SS-3**

**National Office Lead: OWM**

**Measure Description:** Percentage of CSO permits with schedules in place in permits or other enforceable mechanisms to implement approved Long Term Control Plans (LTCPs).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2003 Baseline	58	8	78	8	152	n/a	1	1	1	14	321
2005 Commitment	83% (68)	24% (25)	(40%) 88	39% (11)	35% (122)	n/a	25% (6)	100% (1)	67% (2)	93% (14)	40% (337)
2005 Midyear											
2005 End-of-Year											
2006 Target	95% (78)	38% (40)	50% (111)	68% (19)	50%(176)*	n/a	29% (7)	100% (1)	100% (3)	93% (14)	54% (449)
Universe	82	106	222	28	353	n/a	24	1	3	15	834

**2008 Target: 75%**

**National Program Manager Comments:**

Target measure

\* After recent clarification of the measure and the baseline, Region 5 has already exceeded its FY 05 commitment.



**Measure #: SS-4**

**National Office Lead: OWM**

**Measure Description:** Number of States that have adopted the Voluntary Management Guidelines for on-site sewage management. (cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline	1	1	0	2	0	0	0	0	1	0	5
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	6	2	5	8	6	5	4	6	4	4	50

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

2004 State Baseline: Rhode Island, New Jersey, North Carolina, Florida, Arizona.



**Measure #: SS-5**

**National Office Lead: OST**

**Measure Description:** Percent of all Tier I (significant) public beaches that are monitored and managed under the BEACH Act program.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											n/a
2005 Commitment	100%	100%	100%	50%	100%	100%	n/a	n/a	100%	80%	91%
2005 Midyear											
2005 End-of-Year											
2006 Target	100%	100%	100%	100%	100%	100%	n/a	n/a	100%	100%	100%
Universe	905	462	89	481	298	79	n/a	n/a	376	75	2,765

**2008 Target: 100%**

**National Program Manager Comments:**

Target measure

States may change their designation of beaches at any time. Therefore, these numbers may change from year to year.

\*No BEACH Act implementation in 2002.

# Water Quality/ Watersheds



## Program Activity Measures:

- Water Quality Standards (WQ: 1-6)
- Monitoring (WQ: 7-11)
- TMDLs (WQ:12-13)
- Nonpoint Pollution Control (WQ: 14-16)
- Discharge Permit Program (WQ: 17-22)
- POTW Financing and Operations (WQ: 23-25)
- Restore and Improve Watersheds (WQ: 26-33)



## Measure #: WQ-1

**National Office Lead:** OST

**Measure Description:** Number of new or revised pollutant criteria documents published in draft or final by Headquarters annually that assist States and Tribes to better control water pollution through improved water quality standards and ecological/human health risk assessment under the Clean Water Act.

	National Commitment
2004 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
2006 Target	3
Universe	n/a

**2008 Target:** 3 per year

### National Program Manager Comments:

HQ reported measure; target measure.



# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-2**

**National Office Lead: OST**

**Measure Description:** Number and percent of States and Territories that are on schedule to adopt nutrient criteria into their water quality standards. (cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline	4	1	5	7	6	0	0	0	7	0	30
2005 Commitment	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Midyear											
2005 End-of-Year											
2006 Target	4	2	5	6	5	4	3	4	6	3	42
Universe	6	3	6	8	6	5	4	6	7	4	55

**2008 Target: 55**

**National Program Manager Comments:**

Target measure; new measure for FY 06.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-3**

**National Office Lead: OST**

**Measure Description:** Number of States and Territories that have adopted into their water quality programs for streams and small rivers, biological criteria designed to support determination of attainment of water quality standard use designations standards. [Note: biological criteria may include quantitative endpoints or narrative criteria with quantitative implementation procedures or translators]. (cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	3	0	0	6	1	3	1	0	0	2	16
2005 Commitment	4	0	0	6	1	3	3	1	0	2	20
2005 Midyear											
2005 End-of-Year											
2006 Target	4	0	0	6	1	3	3	1	0	1	19
Universe	6	4	6	8	6	5	4	6	7	4	56

**2008 Target: 26**

**National Program Manager Comments:**

Target measure

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-4**

**National Office Lead: OST**

**Measure Description:** Number of Tribes that have water quality standards approved by EPA.  
(Cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	n/a	2	2	9	0	2	2	5	22
2005 Commitment	0	1	n/a	2	3	11	0	2	5	8	32
2005 Midyear											
2005 End-of-Year											
2006 Target	0	1	n/a	2	3	11	0	3	5	9	34
Universe	0	1	0	2	10	11	0	6	12	14	56

**2008 Target: 36**

## National Program Manager Comments:

Target measure

The universe reflects all Federally recognized Tribes who have applied for “treatment in the same manner as a state” (TAS) to administer the water quality standards program (as of January 2005).

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-5**

**National Office Lead: OST**

**Measure Description:** Number of States, Territories and authorized Tribes that have completed a review of water quality standards within the past three years under Section 303(c) of the CWA. (56 State/Territories, & 24 authorized Tribes).

## States/Territories:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	4	1	4	7	5	4	2	4	4	3	38
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	6	4	6	8	6	5	4	6	7	4	56

## Tribes:

**2008 Target:** n/a

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	1	1	5	0	2	0	3	12
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	0	0	0	2	2	9	0	2	3	6	24

**2008 Target:** n/a

## National Program Manager Comments:

Indicator measure

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-6**

**National Office Lead: OST**

**Measure Description:** Percent of State and Tribal water quality standards submissions (received in the 12 month period ending April 30<sup>th</sup> of the fiscal year) that are fully or partially approved/disapproved by EPA within 150 days.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	75%	75%	75%	73%	50%	75%	85%	75%	75%	50%	70%
2005 Midyear											
2005 End-of-Year											
2006 Target	75%	100%	75%	75%	75%	75%	100%	75%	75%	60%	79%
Universe											n/a

**2008 Target: 80%**

**National Program Manager Comments:**

Target measure  
 FY 05 measure/commitments address full approval within 90 days.  
 Universe changes annually based on number of WQS submissions.  
 Submissions with partial approvals will receive proportionate credit.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-7**

**National Office Lead: OWOW**

**Measure Description:** Number of States and Territories that have adopted and are implementing their monitoring strategies in keeping with established schedules.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline											TBD
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target	6	4	6	8	6	5	4	6	7	4	56
Universe	6	4	6	8	6	5	4	6	7	4	56

**2008 Target: 56**

**National Program Manager Comments:**

Target Measure; new measure for FY 06.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-8**

**National Office Lead: OWOW**

**Measure Description:** Number of States and Territories that provided Integrated Reports consistent with EPA's guidance for Assessment, Listing, and Reporting Requirements Pursuant to Sections 303(d), 305(b) and 314 of the Clean Water Act. (cumulative)

**States/Territories:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	3	1	4	2	1	4	0	1	1	4	21
2005 Commitment	6	3	6	4	4	5	2	6	1	4	41
2005 Midyear											
2005 End-of-Year											
2006 Target	5	3	6	4	6	5	2	6	4	4	45
Universe	6	4	6	8	6	5	4	6	7	4	56

**2008 Target: 50**

**National Program Manager Comments:**

Target measure



**Measure #: WQ-9**

**National Office Lead: OWOW**

**Measure Description:** Number of States and Territories using the Assessment Database (ADB (or compatible electronic format) to record their assessment decisions (Integrated Report/303(d)/305(b)) and provide geo-referencing information for assessment unit locations. (cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target	6	3	6	5	5	5	0	6	5	2	43
Universe	6	4	6	8	6	5	4	6	7	4	56

**2008 Target: 50**

**National Program Manager Comments:**

Target measure; new measure for FY 06.



# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-10**

**National Office Lead: OWOW**

**Measure Description:** Number of Tribes that currently receive EPA funding that have developed monitoring strategies that are appropriate to their water quality program consistent with EPA guidance and that provide their water quality data in a system accessible for storage in EPA's data system.

**Number of Tribes that have Comprehensive Monitoring Strategies:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	n/a	0	0	0	0	0	0	0	0
2005 Commitment											
2005 Midyear											
2005 End-of-Year											
2006 Target											TBD*
Universe	7	1	n/a	5	29	35	4	23	90	36	230

**2008 Target: TBD**

**Number of Tribes that Provide Data to EPA'S Date System:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	n/a	0	0	0	0	0	0	0	0
2005 Commitment											
2005 Midyear											
2005 End-of-Year											
2006 Target											TBD*
Universe	7	1	n/a	5	29	35	4	23	90	36	230

**2008 Target: TBD**

**National Program Manager Comments:**

Target measure

\* Target/commitment deferred for FY 05 and FY 06; Tribal monitoring guidance to be developed Fall FY 05.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-11**

**National Office Lead: OST**

**Measure Description:** Number of EPA-approved analytical methods, newly available this year, for biological and chemical contaminants in Clean Water Act (CWA) programs.

	National Commitment
2004 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
2006 Target	6
Universe	n/a

**2008 Target: TBD**

**National Program Manager Comments:**

HQ reported measure; target measure.

More than 200 analytical methods have been approved by EPA, and those methods are listed in 40 CFR 136. Additions and revisions to part 136 reflect development of new methods and new approvals for updated methods.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-12**

**National Office Lead: OWOW**

**Measure Description:** Percentage of the TMDLs required for waters currently on the 303(d) list that are established or approved by EPA that are “on pace.” Annual pace targets will be based on state schedules or straight-line rates that ensure that the national policy is met (on average, within 13 years of listing).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline											n/a
2005 Commitment	51%(171)	100%(65)	62%(1005)	81%(243)	92%(300)	91%(149)	100%(205)	100%(427)	85%(253)	85%(360)	76%(3178)
2005 Midyear											
2005 End-of-Year											
2006 Target %	86%	80%	36%	80%	100%	83%	100%	100%	81%	100%	70%
2006 Target #	190	133	523	238	300	235	152	262	276	425	2,734
Universe	2,874	2,288	12,693	6,528	9,913	2,538	1,382	2,733	2,430	1,700	45,079

**2008 Target: 100%**

**National Program Manager Comments:**

Target measure

Universe equals total TMDLs needed.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-13**

**National Office Lead: OWOW**

**Measure Description:** Number of TMDLs for impaired waterbodies which affect Tribal waters approved by EPA where the Tribe participated in the TMDL or comparable watershed restoration planning process.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline											TBD
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target	0	0	n/a	0	0	TBD	0	0	0	4	4
Universe											

**2008 Target: 20**

**National Program Manager Comments:**

Target measure

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-14**

**National Office Lead: OWOW**

**Measure Description:** Estimated annual reduction in lbs/tons of nitrogen, phosphorous, and sediment from nonpoint sources to waterbodies (section 319 funded projects only).

## Nitrogen:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline											TBD
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe											n/a

**2008 Target:** n/a

## Phosphorous:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											TBD
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe											

**2008 Target:** n/a

## Sediment:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											TBD
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe											

**National Program Manager Comments:**

**2008 Target:** n/a

Indicator measure

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-15**

**National Office Lead: OWOW**

**Measure Description:** Number of waterbodies identified by States (in 2000 or subsequent years) as being primarily NPS-impaired that are partially or fully restored. (cumulative)

	National Indicator
2002 Baseline	5,967*
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
2006 Target	TBD
Universe	n/a

**2008 Target: TBD**

**National Program Manager Comments:**

HQ reported measure; indicator.

PART Measure

\*Estimated 5,967 waterbodies impaired primarily by nonpoint source.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-16**

**National Office Lead: OWM**

**Measure Description:** Number and dollar value of projects financed with Clean Water SRF loans to prevent polluted runoff from non-point sources. (cumulative)

**Number of Projects:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	357	167	1428	2	1880	26	99	217	39	105	4320
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe											TBD

**2008 Target: n/a**

**Dollar Value of Projects:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0.246	0.658	0.096	0.002	0.184	0.011	0.021	0.108	0.221	0.087	\$1.63
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe											TBD

**2008 Target: n/a**

**National Program Manager Comments:**

Indicator measure

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-17**

**National Office Lead: OWM**

**Measure Description:** Percent of NPDES program authorities where a comprehensive assessment of NPDES program integrity has been conducted (beginning in FY 04) and the percent of assessed programs that are complying with implementation schedules for all those follow-up actions for which a schedule has been established.

**Assessment Conducted:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											n/a
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	6	2	5	8	6	5	4	6	4	4	50

**2008 Target:** n/a

**Programs Complying with Implementation Schedules:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											n/a
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	6	2	5	8	6	5	4	6	4	4	50

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure



# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-18**

**National Office Lead: OWM**

**Measure Description:** Percentage of all NPDES permits that are considered current.

## State Permits:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	55.6%	62.6%	85.4%	73.5%	85.1%	93.5%	73.1%	78.2%	86.7%	43.4%	82.4%
2005 Commitment	80%	85%	90%	85%	90%	87%	85%	90%	85%	85%	87%
2005 Midyear											
2005 End-of-Year											
2006 Target	65%	87%	90%	85%	75%	90%	87%	90%	85%	85%	87.0%
Universe	2,040	6,016	14,482	19,018	13,930	33,647	9,335	4,024	2,952	4,859	110,303

**2008 Target: 90%**

## Tribal Permits:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											TBD
2005 Commitment											
2005 Midyear											
2005 End-of-Year											
2006 Target	100%	100%	n/a	90%	85%	n/a	90%	95%	n/a	85%	65.0%
Universe											TBD

**2008 Target: 90%**

## National Program Manager Comments:

Target measure

Note: The 2002 baseline is based on a universe of 117,873 and with 97,172 current.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-19**

**National Office Lead: OWM**

**Measure Description:** Number of CAFOs that are covered by an NPDES permit.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											n/a
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe											TBD

**2008 Target:** n/a

## National Program Manager Comments:

Indicator measure

Note: FY 05 measure addresses development by States of CAFO regs and general permits;

In the FY 06 measure: “Covered by an NPDES permit” means that the CAFO has filed a notice of intent to be covered.

# Protect and Improve Water Quality on a Watershed Basis



## Measure #: WQ-20

**National Office Lead:** OWM

**Measure Description:** Percent of States for which the States/Region has issued NPDES general permits requiring Phase II storm water management programs for all municipalities (MS4S) and for construction.

### Municipalities:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment	100%(6)	100%(2)	100%(5)	100%(8)	100%(6)	100%(5)	100%(4)	100%(6)	100%(4)	100%(4)	100%
2005 Midyear											
2005 End-of-Year											
2006 Target	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Universe	6	3	5	8	6	5	4	6	4	4	51

**2008 Target:** 100%

### Construction:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2005 Midyear											
2005 End-of-Year											
2006 Target	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Universe	4	4	5	8	6	4	4	6	4	2	47*

**2008 Target:** 100%

### National Program Manager Comments:

Target measure

\*Total Construction Universe = 47

45 NPDES Authorized States plus 1 NPDES authorized Territory = 46

EPA HQ issued a permit that covers all five non-authorized States and Territories, all Tribes, and all federal facilities, counted as one permit authority.

# Protect and Improve Water Quality on a Watershed Basis



## Measure #: WQ-21

**National Office Lead:** OWM

**Measure Description:** Percent of Significant Industrial Users (SIUs) in POTWs with Pretreatment Programs and percentage of known Categorical Industrial Users (CIUs) in non-pretreatment POTWs that have control mechanisms in place that implement applicable pretreatment requirements.

### SIUs:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	98.5%	99.4%	99.0%	98.5%	84.8%	95.6%	98.1%	98.8%	99.6%	98.5%	97.1%
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe	1,022	1,888	1,810	3,932	4,948	2,143	1,024	592	4,231	568	22,158

**2008 Target:** n/a

### CIUs:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	90%	93%	72%	100%	96%	56%	100%	91%	100%	99%	90%
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe	44	117	81	31	458	99	40	45	0	198	1,113

**2008 Target:** n/a

### National Program Manager Comments:

Indicator measure

For CIUs: Universe is the number of known CIUs discharging to POTWs without Approved Treatment Programs

Baseline is the known percentage of those CIUs that are 'controlled' in some way, shape, or form.

## Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-22**

**National Office Lead: OST/OWM**

**Measure Description:** Estimated annual reduction in pollutants discharged to waterbodies from NPDES permits based on effluent guidelines (including CAFOs), pretreatment standards, and other regulatory controls for storm water, POTWs, and CSOs.

	National Indicator
2004 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
2006 Target	n/a
Universe	n/a

**2008 Target:** n/a

**National Program Manager Comments:**

HQ reported measure; indicator.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-23**

**National Office Lead: OWM**

**Measure Description:** Fund utilization rate [cumulative loan agreement dollars to the cumulative funds available for projects] for the Clean Water State Revolving Fund.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	95%	92%	81%	90%	92%	88%	84%	83%	99%	90%	91%
2005 Commitment	95%	90%	89%	90%	94%	83%	85%	86%	92%	92%	90%
2005 Midyear											
2005 End-of-Year											
2006 Target	95%	91%	90%	94%	90%	84%	85%	88%	95%	95%	91%
Universe	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

**2008 Target: 94%**

**National Program Manager Comments:**

Target measure

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-24**

**National Office Lead: OWM**

**Measure Description:** Rate of return on Federal investment [cumulative dollar amount of assistance disbursements to projects divided by cumulative Federal outlays for projects] for the Clean Water State Revolving Fund.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	\$2.43	\$2.56	\$1.49	\$1.52	\$1.67	\$2.61	\$1.98	\$1.61	\$1.50	\$1.37	\$1.87
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-25**

**National Office Lead: OWM**

**Measure Description:** Number of State Revolving Fund programs that have developed output and outcome measures.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline											0
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure; new measure for FY 06.



# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-26**

**National Office Lead: OST**

**Measure Description:** Number of State/Tribal water quality standards submissions approved by EPA during the reporting year that include new or revised provisions that directly facilitate and accelerate achievement of the waterbody and watershed restoration/protection outcome measures (i.e. Subobjective 2.2.1 (a and b) and Strategic Target L).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2005 Baseline											TBD
2005 Commitment											na
2005 Midyear											
2005 End-of-Year											
2006 Target											na
Universe											TBD

**2008 Target: n/a**

**National Program Manager Comments:**

Indicator measure; new measure for FY 06.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-27**

**National Office Lead: OWOW**

**Measure Description:** Number of watershed-based plans (and water miles/acres covered), supported under State Nonpoint Source Management Programs since the beginning of FY 2002 that have been substantially implemented. (cumulative)

## Number of Watershed-based Plans:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	2	6	1	7	20	2	2	4	3	4	44
2005 Midyear											
2005 End-of-Year											
2006 Target	3	8	1	7	34	5	2	3	3	3	69
Universe	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

**2008 Target: TBD**

## Number of Miles/Acres Covered:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

**2008 Target: TBD**

## National Program Manager Comments:

Target measure (watershed plans only).

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-28**

**National Office Lead: OWOW**

**Measure Description:** Number of Tribes that have developed and begun to implement a watershed based-plan for Tribal waters.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	n/a
2005 Commitment											
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	7	1	n/a	5	29	35	4	23	90	36	230

**2008 Target: n/a**

**National Program Manager Comments:**

Indicator measure; new measure for FY 06.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-29**

**National Office Lead: OWM**

**Measure Description:** Percentage of scheduled “high priority NPDES permits” that are current for States and Tribes.

## State permits:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%(583)
2005 Midyear											
2005 End-of-Year											
2006 Target	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%
Universe	17	41	9	8	146	111	63	55	8	13	471

**2008 Target: 95%**

## Tribal permits:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005 Commitment	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%(12)
2005 Midyear											
2005 End-of-Year											
2006 Target	n/a	100%	n/a	95%	95%	n/a	95%	n/a	n/a	95%	TBD
Universe	0	n/a	0	0	0	0	0	0	1	6	7

**2008 Target: 95%**

## National Program Manager Comments:

Target measure

\*There is no single definition of “high priority NPDES permit,” rather, EPA has identified a set of factors to be considered including issuing permits on a watershed basis; see 3/5/2004 memo from Jim Hanlon

\*The Universe is not fixed and will change annually. It will be generated in July and finalized in October.

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-30**

**National Office Lead: OWM**

**Measure Description:** Number of dischargers with permits providing for trading within a watershed between the discharger and other water pollution sources and the number of dischargers that carried out trades.

**Number of Dischargers with Permits Providing for Trading:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	2	5	4	55	3	0	0	0	5	0	74
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe											n/a

**2008 Target:** n/a

**Number of Dischargers that Carried Out Trades:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	2	1	4	40	1	0	0	0	3	0	51
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe											n/a

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

# Protect and Improve Water Quality on a Watershed Basis



## Measure #: WQ-31

**National Office Lead:** OWM

**Measure Description:** Number of watersheds in which a watershed permit(s) have been issued and the number of States issuing NPDES permits using a rotating basin process.

### Number of Watersheds:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe											n/a

**2008 Target:** n/a

### Number of States Issuing Permits Using a Rotating Basin Process:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe	6	2	5	8	6	5	4	6	4	4	50

**2008 Target:** n/a

### National Program Manager Comments:

Indicator measure

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-32**

**National Office Lead: OWM**

**Measure Description:** Number of States using integrated planning and priority systems to make CWSRF funding decisions, including planning on a watershed basis. (cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	1	2	2	2	2	1	1	3	3	2	19
2005 Commitment	1	2	4	3	3	2	2	5	3	4	29
2005 Midyear											
2005 End-of-Year											
2006 Target	1	2	4	3	3	2	2	5	3	4	29
Universe	6	3	5	8	6	5	4	6	4	4	51

**2008 Target:** 28 states

**National Program Manager Comments:**

Target measure

# Protect and Improve Water Quality on a Watershed Basis



**Measure #: WQ-33**

**National Office Lead: OWOW**

**Measure Description:** Number of water segments known to be impaired or threatened for which States and EPA agree that initial restoration planning is complete (e.g. EPA has approved all needed TMDLs for pollutants causing impairments to the waterbody or has approved a 303(d) list that recognizes that the waterbody is covered by a Watershed Plan (Category 4/B)).

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2000 Baseline											TBD
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	1,909	1,866	3,321	3,808	2,761	1,241	1,555	1,075	673	3,423	21,632

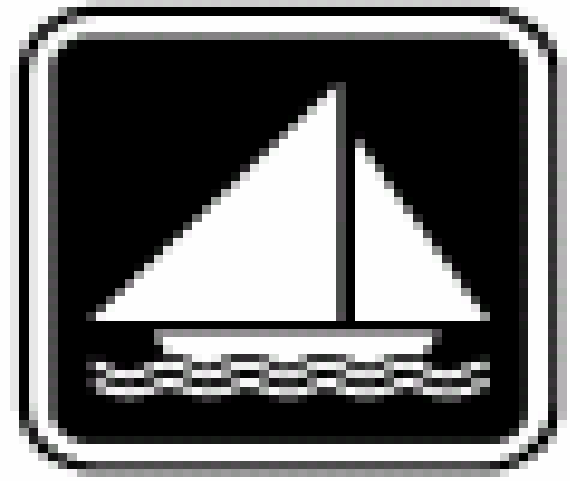
**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure; new measure for FY 06.



# Coastal and Ocean Waters



## Program Activity Measures:

- Coastal Monitoring (C/O: 1-2)
- Coastal State Programs (C/O: 3)
- National Estuary Program (C/O: 4-6)
- Ocean Protection (C/O: 7-11)

## Improve Coastal and Ocean Waters



**Measure #: C/O-1**

**National Office Lead: ORD/OWOW**

**Measure Description:** Headquarters to publish a revised national Coastal Condition Report describing the quality of the Nation's ocean and coastal waters.

**Measure #: C/O-2**

**National Office Lead: OWOW**

**Measure Description:** Each year, the National Marine Debris Monitoring Network will be 100% operational.

**C/O: 1**

	National Commitment
2002 Baseline	n/a
2005 Commitment	1 in 2004
2005 Midyear	
2005 End-of-Year	
2006 Target	report in 06
Universe	

**2008 Target: TBD**

**C/O: 2**

	National Commitment
2002 Baseline	n/a
2005 Commitment	100%
2005 Midyear	
2005 End-of-Year	
2006 Target	100%
Universe	

**2008 Target: 100%**

# Improve Coastal and Ocean Waters



**Measure #: C/O-3**

**National Office Lead: OWOW**

**Measure Description:** Number of coastal States in which there is at least one mercury deposition monitoring station. (cumulative)

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	3	1	2	6	5	2	n/a	n/a	1	3	23
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
Universe	5	2	5	6	6	2			2	3	31

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

## Improve Coastal and Ocean Waters



**Measure #: C/O-4**

**National Office Lead: OWOW**

**Measure Description:** Headquarters to publish a Coastal Condition Report describing the quality of the coastal waters in the 28 estuaries in the NEP using the National Coastal Condition report indicators as well as NEP specific indicators that can be aggregated to a regional and national level.

	National Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
2006 Target	Publish
Universe	

**2008 Target:** By 2006

# Improve Coastal and Ocean Waters



**Measure #: C/O-5**

**National Office Lead: OWOW**

**Measure Description:** Number of National Estuary Program priority actions in Comprehensive Conservation and Management Plans (CCMPs) that have been initiated and the number that have been completed.

**Priority Actions Initiated:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline	261	355	194	249	n/a	128	n/a	n/a	249	241	1677
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	289	468	214	365	n/a	183	n/a	n/a	250	269	2038

**2008 Target:** n/a

**Priority Actions Completed:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2004 Baseline	89	36	29	95	n/a	12	n/a	n/a	44	10	315
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	289	468	214	365	n/a	183	n/a	n/a	250	269	2038

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

## Improve Coastal and Ocean Waters



**Measure #: C/O-6**

**National Office Lead: OWOW**

**Measure Description:** Return on Federal investment [cumulative ratio of resources leveraged (cash or in-kind) to Section 320 funds (including supplemental, line items, and earmarks) for all NEPs (for LIS, Sections 119 & 320)].

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline *	\$6.4	\$112.5	\$2.0	\$17.9		\$11.3			\$18.0	\$20.0	\$187.9
2005 Commitment											
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe											TBD

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

\* In millions

# Improve Coastal and Ocean Waters



**Measure #: C/O-7**

**National Office Lead: OWOW**

**Measure Description:** Number of dredged material management plans that are in place for major ports and harbors developed by COE led stakeholder process and the percent of dredged material from coastal waters that is managed in a beneficial manner.

**Plans in place:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	2	1	0	3	1	0	n/a	n/a	2	0	9
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	8	2	6	20	28	10	0	0	14	13	101*

**2008 Target: n/a**

**Material Managed in a Beneficial Manner:**

	National Commitment
2002 Baseline	TBD
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
2006 Target	n/a
Universe	TBD

**2008 Target: n/a**

**National Program Manager Comments:**

Indicator measure

\*This number represents major coastal/Great Lakes ports/harbors (commercially significant/ deep draft). Tracking of beneficial use will be by COE district.

# Improve Coastal and Ocean Waters



**Measure #: C/O-8**

**National Office Lead: OWOW**

**Measure Description:** Number of ocean disposal sites that have approved site management and monitoring plans and the number of sites that are monitored in the reporting year, including those monitored by EPA's Ocean Survey Vessel.

**# of Sites with Approved Plans\*:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2003 Baseline	2	4	2	19	n/a	17	n/a	n/a	9	12	65
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	2	14	2	19	n/a	21	n/a	n/a	10	13	81

**# of Sites with Plans that are Monitored\*\*:**

**2008 Target: n/a**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2003 Baseline	n/a	2	2	12	n/a	16	n/a	n/a	1	5	38
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	2	14	2	19	n/a	21	n/a	n/a	10	13	81

**National Program Manager Comments:**

**2008 Target: n/a**

Indicator measure

\*2003 Baseline: "The number of active 102 Ocean Dumping sites with an approved SMMP which is less than 10 years old.

Universe: "Number of designated 102 Ocean Dumping sites in 2003. (Note: They do not need a SMMP if site isn't being used.)

\*\*2003 Baseline: "The number of active 102 Ocean Dumping Sites with approved SMMPs which were monitored in 2003.

(Note: Some SMMPs don't require yearly monitoring.) Universe: Number of designated 102 Ocean Dumping Sites in 2003.

(Note: They don't need an SMMP if site isn't being used.)



## Improve Coastal and Ocean Waters



### **Measure #: C/O-9**

**National Office Lead:** OWOW

**Measure Description:** Headquarters to work with the Coast Guard to develop standards for the discharge of ballast water, including control of organisms.

### **Measure #: C/O-10**

**National Office Lead:** OWOW/OIA

**Measure Description:** Headquarters will work with other nations for effective international management of ballast water.

### **Measure #: C/O-11**

**National Office Lead:** OWOW

**Measure Description:** Headquarters to propose standards for black water and gray water for cruise ships operating in Alaskan waters. (New measure for FY 06.)

#### **C/O:9**

	National Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
2006 Target	n/a
Universe	n/a

#### **C/O: 10**

	National Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
2006 Target	n/a
Universe	n/a

#### **C/O: 11**

	National Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
2006 Target	TBD
Universe	n/a

# Protect Wetlands



## Program Activity Measures:

- Number of Wetland Acres Restored/Enhanced (WT: 1)
- Number of States/Tribes Building Capacity (WT: 2)
- Number Watershed-based Projects Supported by EPA (WT: 3)
- Number States Measuring Trends in Condition (WT: 4)

# Wetlands



**Measure #: WT-1**

**National Office Lead: OWOW**

**Measure Description:** Number of wetland acres restored and enhanced, attributable to the President's 2004 Earth Day Initiative. (cumulative)

	National Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
2006 Target	4,800
Universe	n/a

**2008 Target:** 9,600  
**2009 Target:** 12,000

**National Program Manager Comments:**

HQ reported measure; target measure; new measure for FY 06.

These acres may include those supported by Wetland 5 Star Restoration Grants, National Estuary Program, Section 319 grants, Brownfields grants, or EPA's Great Waterbodies Program.

# Wetlands



**Measure #: WT-2**

**National Office Lead: OWOW**

**Measure Description:** Number of States and Tribes that have built capacities in wetland monitoring, regulation, restoration, water quality standards, mitigation compliance, and partnership building.

**States:**

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe	6	2	5	8	6	5	4	0	4	4	50

**2008 Target:** n/a

**Tribes:**

	0	0	0	0	0	0	0	0	0	0	0
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment											n/a
2005 Midyear											
2005 End-of-Year											
2006 Target											n/a
Universe											

**2008 Target:** n/a

**National Program Manager Comments:**

Indicator measure

Substantial progress to be shown in four of the six areas identified (i.e. monitoring, regulation, restoration, water quality standards, mitigation compliance, and partnership building).

# Wetlands



**Measure #: WT-3**

**National Office Lead: OWOW**

**Measure Description:** Number of watershed-based wetlands and stream corridor projects in States and on Indian Reservations (combined 5-Star and non-5-Star projects) for which EPA has provided /contributed significant financial and/or technical assistance. (cumulative projects)

## State Projects:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	HQ	Total
2002 Baseline	29	3	16	14	14	44	4	17	21	7	250	419
2005 Commitment												n/a
2005 Midyear												
2005 End-of-Year												
Universe												n/a

**2008 Target:** n/a

## Tribal Projects:

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	HQ	Total
2002 Baseline	2	0		1	2	10	3	8	24	17		67
2005 Commitment												n/a
2005 Midyear												
2005 End-of-Year												
Universe	10	7		6	35	66	9	27	140	265		565

**2008 Target:** n/a

## National Program Manager Comments:

Indicator measure (changed Tribal indicator to be consistent with the way we are tracking States).

# Wetlands



**Measure #: WT-4**

**National Office Lead: OWOW**

**Measure Description:** Number of States where the trend in wetland condition has been measured as defined through biological metrics and assessments.

	Reg 1	Reg 2	Reg 3	Reg 4	Reg 5	Reg 6	Reg 7	Reg 8	Reg 9	Reg 10	Total
2002 Baseline	0	0	0	0	0	0	0	0	0	0	0
2005 Commitment	1	0	3	1	1	1	1	1	0	3	12
2005 Midyear											
2005 End-of-Year											
2006 Target	1	0	5	1	0	1	1	4	0	1	14
Universe	6	2	5	8	6	5	4	6	4	4	50

**2008 Target: 14**

## National Program Manager Comments:

Target measure

Target reflects cumulative achievements expected by 2008. Regions evaluate and make determinations that the State is “on track” to show change in condition by FY 08.

# Mexico Border



(No Program Activity Measures Relate Directly to this Subobjective.)

# Great Lakes



## Program Activity Measures:

- Permit Points Reflecting Great Lakes Guidance (GL: 1)
- Percent CSO Permits Consistent with National Policy (GL: 2)
- Number of Sediment Remedial Actions (GL: 3)
- Percent of High Priority Beaches Monitored (GL: 4)



**Measure #: GL-1****National Office Lead: GLNPO**

**Measure Description:** Percent of all NPDES permitted discharges to the Lakes or major tributaries that have permit limits that reflect the Guidance's water quality standards, where applicable.

	Region 2	Region 3	Region 5	Total
2002 Baseline	1,157	28	727	1,912
2005 Commitment	1,186	33	1,423	80%
2005 Midyear				
2005 End-of-Year				
2006 Commitment	93%	100%	90%	91%
Universe	1,286	33	1,880	3,199

**2008 Target: 100%****National Program Manager Comments:**

Target measure



**Measure #: GL-2**

**National Office Lead: GLNPO**

**Measure Description:** Percent of all CSO permits in the Great Lakes basin that are consistent with the national CSO Policy.

	Region 2	Region 3	Region 5	Total
2002 Baseline	11	1	117	83%
2005 Commitment	14	1	124	89%
2005 Midyear				
2005 End-of-Year				
2006 Target	44%	100%	95%	91%
Universe	27%	1%	136%	164

**2008 Target: 100%**

**National Program Manager Comments:**

Target measure

**Measure #: GL-3****National Office Lead: GLNPO**

**Measure Description:** Number of sediment remedial actions (annual). (U.S. partners have completed about 3 per year since 1997.)

	Total
2002 Baseline	3
2005 Commitment	3
2005 Midyear	
2005 End-of-Year	
2006 Target	3
Universe	n/a

**2008 Target:** 3 per year**National Program Manager Comments:**

Target measure

**Measure #: GL-4****National Office Lead: GLNPO**

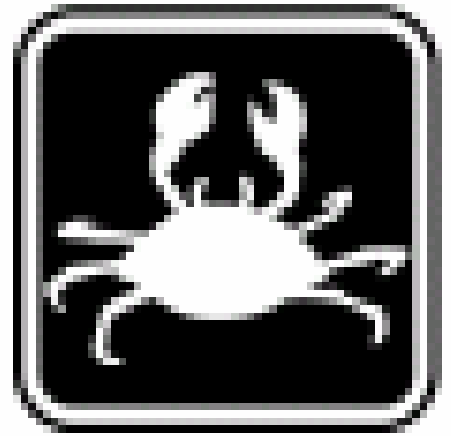
**Measure Description:** Percent of high priority Tier 1 (significant) Great Lakes beaches where States and local agencies have put into place water quality monitoring and public notification programs that comply with the USEPA National Beaches Guidance.

	Region 2	Region 3	Region 5	Total
2002 Baseline	n/a	n/a	n/a	n/a
2005 Commitment	38	n/a	298	100%
2005 Midyear				
2005 End-of-Year				
2006 Target	100%	n/a	100%	100%
Universe	38	n/a	298	336

**2008 Target: 100%****National Program Manager Comments:**

Target measure

# Chesapeake Bay



## Program Activity Measures:

- Point Source Nutrient Load Reductions (CB-1)
- Forest Buffers Planted (CB-2)
- Wetlands Restored (CB-3)
- Watershed management plans implemented (CB-4)

**Measure #: CB-1****National Office Lead: CBPO**

**Measure Description:** Implement advanced treatment and/or process changes at significant wastewater treatment plants and industrial sources providing for a reduction of pounds of nitrogen and phosphorus delivered to the Bay since 1985. (cumulative) (new measure for FY 06)

**Million Pounds of Nitrogen Reduced:**

	MD	VA	DC	PA	Total
2002 Baseline	14	9	3	-1.4	24.6
2005 Commitment					n/a
2005 Midyear					
2005 End-of-Year					
2006 Target	15.47	11.50	4.20	-1.80	29.4
Universe	21.3	17.4	4.8	3.2	46.7

**Million Pounds of Phosphorus Reduced:****2008 Target: 32**

	MD	VA	DC	PA	Total
2002 Baseline	1.46	2.79	0.01	0.62	4.88
2005 Commitment					n/a
2005 Midyear					
2005 End-of-Year					
2006 Target	1.67	2.74	n/a	0.57	4.98
Universe	1.71	3.52	n/a	0.74	5.97

**National Program Manager Comments:****2008 Target: 5.2**

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FY 2002 baseline is based on 2000 calendar year results. Universe based on Chesapeake 2000 commitment.



**Measure #: CB-2**

**National Office Lead: CBPO**

**Measure Description:** Miles of streambank and shoreline restored with riparian forest buffers.  
(cumulative)

	MD	VA	DC/Fed	PA	Total
2002 Baseline	588	492	33	0	1,113
2005 Commitment					4,000
2005 Midyear					
2005 End-of-Year					
2006 Target	1,340	1,814	n/a	1,759	4,913
Universe	2,276	4,355	n/a	4,072	10,703

**2008 Target:** 7,000

**National Program Manager Comments:**

FY 2002 baseline is based on 2001 calendar year results.

Universe is based on Directive 03-01 commitment.



**Measure #: CB-3**

**National Office Lead: CBPO**

**Measure Description:** Acres of wetlands restored. (cumulative)

	MD	VA	DC	PA	Total
2002 Baseline	4,260	0	n/a	624	4,884
2005 Commitment					n/a
2005 Midyear					
2005 End-of-Year					
2006 Target	13,000	1,100	n/a	1,100	15,200
Universe	15,000	6,000	n/a	4,000	25,000

**2008 Target:** 17,800

**National Program Manager Comments:**

New measure for FY 06.

FY 2002 baseline is based on 2000 calendar year results.

Universe is based on Chesapeake 2000 commitment.




**Measure #: CB-4**
**National Office Lead: CBPO**

**Measure Description:** Millions of acres of watershed management plans developed and being implemented. (cumulative)

	MD	VA	DC	PA	Total
2002 Baseline	0	0	0	0	0
2005 Commitment					n/a
2005 Midyear					
2005 End-of-Year					
2006 Target	1.5	2	0.026	7	10.53
Universe	3.94	9.3	0.026	9.64	22.91

**2008 Target: 14**
**National Program Manager Comments:**

New measure for FY 06.

FY 2002 baseline is based on 2000 calendar year results.

Universe is based on Chesapeake 2000 commitment.

# Gulf of Mexico



## Program Activity Measures:

- Percent Impaired Segments Restored (GM:1)
- Acres Habitat Restored (GM: 2)
- Early Warning System HAB (GM: 3)
- Shellfish Illness Rate Reduces (GM: 4)
- Lower Mississippi River Committee Established (GM: 5)

# Gulf of Mexico



**Measure #: GM-1**

**National Office Lead: GMPO**

**Measure Description:** Percentage of the impaired segments in the 12 priority coastal areas where water and habitat quality is restored to levels that meet state water quality standards.

	Florida	Mississippi	Alabama	Louisiana	Texas	Total
2002 Baseline						0
2005 Commitment						28
2005 Midyear						
2005 End-of-Year						
2006 Target						42
Universe						354

**2008 Target:** 20% (71 segments)

**National Program Manager Comments:**

Target measure

# Gulf of Mexico



**Measure #: GM-2**

**National Office Lead: GMPO**

**Measure Description:** Number of additional acres important coastal and marine habitats that are restored, enhanced, or protected, above improvements accomplished through 2003. (USGS 2000 baseline for all Gulf of Mexico coastal wetland habitats - 3,769,370 acres)

	Florida	Mississippi	Alabama	Louisiana	Texas	Total
2002 Baseline						0
2005 Commitment						11,000
2005 Midyear						
2005 End-of-Year						
2006 Target						13,400
Universe						3.7 M

**2008 Target:** 20,000

**National Program Manager Comments:**

Target measure



**Measure #: GM-3**

**National Office Lead: GMPO**

**Measure Description:** Implement integrated bi-national (U.S. and Mexican Border States) early-warning system to support State and coastal community efforts to manage harmful algal blooms (HABs).

	Commitment
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
2006 Target	Initiate system
Universe	

**2008 Target: TBD**

**National Program Manager Comments:**

**Measure #: GM-4****National Office Lead:** GMPO

**Measure Description:** Reduce the rate of shellfish-borne *Vibrio vulnificus* illnesses caused by consumption of commercially-harvested raw or undercooked oysters from the average illness rate for the years 1995-1999.

**Measure #: GM-5****National Office Lead:** GMPO

**Measure Description:** Support a Lower Mississippi River Sub Basin Committee (as called for in the Hypoxia Action Plan), including select a project watershed in each of the states in the Lower MS River Basin, and implement actions in selected watersheds within the Lower Mississippi River Basin to reduce nitrogen loadings to the Mississippi River.

<b>GM-4</b>	<b>Commitment</b>
2002 Baseline	.303/million
2005 Commitment	0.194 million
2005 Midyear	
2005 End-of-Year	
2006 Target	0.158
Universe	70,637,188 avg pop

**2008 Target:** By 2007, 0.121/million

<b>GM-5</b>	<b>Commitment</b>
2002 Baseline	n/a
2005 Commitment	n/a
2005 Midyear	
2005 End-of-Year	
2006 Target	select projects
Universe	

**2008 Target:** Implement actions